

Otoport Advance



Advanced clinical OAEs • DP Zoom up to 16 pts/octave



- Clinical quality OAE measurements with advanced data analysis and management
- Ideal for all clinical and screening applications and advanced diagnostic testing
- All the power of a PC OAE analyzer in a handheld
- The result of 25 years of evolution from the company which introduced OAEs to the world



Read more at www.otodynamics.com/OtoportAdvance

International +44 1707 267540 • USA 1 800 659 7776 • email sales@otodynamics.com

 **Otodynamics**
Audiology Systems

Otoport Advance Features

Otoport Advance is a handheld clinical instrument delivering quality OAE measurements and analysis

Optimal design

- Ergonomic handheld format
- Large, clear, detailed, colour graphic and numeric data displays
- Over one week of typical use battery life. Charge status indicators
- Intuitive menu driven operation via keypad
- Extensive protocol control with login and administrator functions
- Automatic or manual test settings
- Configurable automatic test termination based on signal quality or clinical pass criteria
- Powerful multi-processor internal architecture

OAE capabilities

DPOAE

- Advanced DPgram 1-8kHz, 2-16 pts/oct, 1-13 frequencies
- Standard DPgram 6 pts, 1-8kHz, 2 pts/oct
- DP Zoom down to 1/2 octave band with up to 16 pts/oct resolution
- Programmable DP f1 and f2 stimulus 40-75 dB SPL
- DP growth I/O function analysis, dB/dB and scissor modes
- Intelligent or manual test progress management for fast testing

TEOAE

- Quickscreen with 'ILO' analysis
- Waveform display, dB SPL, SNR and Repro
- Frequency analysis 1-6kHz, 6 bands, 1/2 octave analysis
- High resolution spectrum (80Hz bandwidth)

TEOAE + DPOAE

- Programmable test macro and automatic OAE monitor
- Customizable normative range display markers
- Powerful noise artefact rejection tools
- 12 Test modes, 10 fully configurable - including mode names
- Unique real-time probe check-fit accuracy displays

Onboard data management

- Raw data recall and compare
- Patient data entry on illuminated keypad
- Extensive 5000 tests and 1000+ name record database, searchable by name, ID, date, tester DoB

Advanced data analysis and management

- USB transfer to PC for full ILO-V6 software analysis and tracked integration into Echoport V6 database, exporting to OZ, Hitrack, ASCII, XML, archive

Hardware facilities

- Docking station with PC, printer and PSU inputs
- Optional wireless printing, barcode scanning and RFID tag reader
- Fully updateable firmware from PC
- Power-on self test and probe calibration test functions
- For contract users or with volume purchases, there are additional chargeable expansion options, e.g. modem or web services



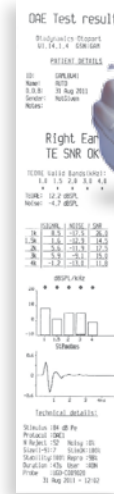
Ref: BOPC-7 March 2012



Otoport case



Full docking station, connects to printer, PC and charger



Wireless battery printer (optional)



Probe pouch



TEOAE / DPOAE probe



Test cavity



Probe tips



Probe cable clip



Infection control sleeve (shown fitted)



Charger



Otolink PC software and download cable



Integral barcode ID reader (optional)

PC Software
Detailed colour displays. Stored data transferable for offline review and analysis with ILOV6 PC software (included).



NB: PC not included

Accessories

Technical Specifications

User interface: Display: 65K colour, high resolution.

Input: Alphanumeric keypad with cursor control and menu softkeys.

Test capacity: More than 250 test cycles or one full working week (typical use).

Memory and storage: More than 5000 test records. 1024 patient records.

Hardware options: Wireless printing/internal barcode reader/RFID scanner.

Data acquisition: Analogue interface: 2 x 16bit (output) and 1 x 16 bit (input) channels. Frequency response - 160Hz to 12KHz (electrical).

Electrical interfaces: Probe connector (Otodynamics 8-pin). Data/charge connector - USB 1.1/2.0 compatible PC connection for data and charging, also accepts Otodynamics PSU. Optional wireless interface to Otodynamics printer.

Power: Internal rechargeable 3.7v, 1000mAh lithium-polymer battery.

Charge time: 3 hrs to 90%. Approx 4 hrs to 100% capacity. Intelligent multi-level power control.

Maximum power use: Testing - 1000mW. Charging - 2.5W.

Dimensions: 7.6" x 2.7" x 1.2" (195mm x 70mm x 30mm). **Weight:** 7.5 oz (214 g).

Operating environment: For indoor use at 41 to 104°F (5-40°C). Max humidity 80% up to 88°F (31°C) decreasing linearly to 5% RH at 104°F (40°C).

Transport and storage environment: 32-104°F (0°C to 40°C). Pressure range: 23-101KPa. Humidity: 10% to 90% non-condensing.

Classifications and standards: Device Class 2a (Directive 93/42/EEC). ISO 13485. ISO 14971. BS EN 60601. UL 60601. CSA-C22.601.

(Features and Specifications subject to change)

Otodynamics Ltd.

30-38 Beaconsfield Road Hatfield Herts AL10 8BB UK
tel +44 (0)1707 267540 email sales@otodynamics.com
www.otodynamics.com/OtoportAdvance